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TRANS	MARKOR	5, 110 persons are requ	Application Numb		10/813,872
	. TRANSMITTA	J.	Filing Date		March 30, 2004
	FORM		First Named Inver	ntor	Dominique Charmot
	(to be used for all correspondence after i	nitial filing)	Art Unit		1618
	·		Examiner Name		Michael G. Hartley
	Total Number of Pages in This Submission		Attorney Docket N	Number	29329-715.202
		ENCLOSUI	RES (Check all that a	pply)	
	Fee Transmittal Form	Drawing	g(s)		After Allowance communication to Technology Center (TC)
	Fee Attached	Licensin	g-related Papers		Appeal Communication to Board of Appeals and Interferences
	Amendment/Reply	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
	After Final		to Convert to a		Proprietary Information
8	Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address		Status Letter	
	Extension of Time Request		l Disclaimer		Other Enclosure(s) (please identify below):
	Express Abandonment Request	Request	for Refund		PTO/SB/08
	Information Disclosure Statement	CD, Nur	mber of CD(s)		Return Post Card 32 References
	×.	Lan	dscape Table on CD		International Search Report
	Certified Copy of Priority Document(s)	Remarks			
	Response to Missing Parts/ Incomplete Application				
	Response to Missing Parts under 37 CFR 1.52 or 1.53				-
	· · · · · · · · · · · · · · · · · · ·	ATURE OF APP	LICANT, ATTORN	EY OR A	GENT
,	Firm Name WILSON SONSINI GOO	DDRICH & ROSA	TI	•	
	Signature Chui Voch	(
	Printed Name Anie K. Roche				
	Date 10 21 2005			Reg. No.	50,512
	C	ERTIFICATE O	F TRANSMISSION	/MAILIN	G
	I hereby certify that this correspondence is being postage as express mail (EV 711413316 US) in a date shown below.	facsimile transmitted n envelope addressed	to the USPTO or deposed to: Commissioner for P	ited with the atents, P.O.	e United States Postal Service with sufficient Box 1450, Alexandria, VA 22313-1450 on the
	Signature	Accu			
	Typed or printed name Abigail Cruz	7	0	Date	10/21/05

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Dominique Charmot, et al.

Serial Number: 10/813,872

Filing Date: March 30, 2004

Title: ION BINDING COMPOSITIONS

Group Art Unit: 1618

Examiner: Michael G. Hartley

CONFIRMATION NO: 5573

EXPRESS MAIL LABEL NO.: EV 711413316 US

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Applicant(s) hereby submit(s) an Information Disclosure Statement along with attached form(s) PTO/SB/08A. A copy of each listed publication is being submitted, if required, pursuant to 37 C.F.R. §§1.97-1.98, as indicated below.

Applicant(s) respectfully request(s) that the listed information be considered by the Examiner and be made of record in the above-identified application. Applicant(s) further request that the Examiner initial and return the attached form(s) PTO/SB/08 in accordance with MPEP §609.

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in §1.56.

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2744301_1.DOC Attorney Docket No. 29329-715.202

□ becaus		FR §1.97(b	b). This Information Disclosure Statement should be considered by the Office
			It is being filed within 3 months of the application filing date of a national application and is other than a continued prosecution application under §1.53(d); OR
			it is being filed within 3 months of entry of a national stage as set forth in §1.491 in an international application; OR
		(3) I	it is being filed before the mailing date of the first Office Action on the merits; OR
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			\$180.00 as set forth in \$1.17(p) authorized below, enclosed, or included with the of other papers filed together with this statement.
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	Α.	a certifica	ation as specified in §1.97(e); and
	B.		\$180.00 as set forth in \$1.17(p) is authorized below, enclosed, or included with the of other papers filed together with this Statement.
			. A certification signed by an Attorney of Record is provided herewith as required 1.97(b) and (c).
\boxtimes	37 CFI	R §1.98(a)	(2). The content of the Information Disclosure Statement is as follows:
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	\boxtimes	-	AND/OR f Foreign Patent Documents and/or Non Patent Literature Documents listed on the Form PTO/SB/08A are enclosed in accordance with 37 CFR §1.98(a)(2).
		•	AND/OR of pending unpublished U.S. patent applications are enclosed in accordance with \$1.98(a)(2)(iii).

\boxtimes	37 CF	•	re Statement includes non-English patents and/or				
			ncise explanation of the relevance of each patent, that is not in English is provided herewith.				
		Pursuant to 37 CFR §1.98(a)(3)(ii), a copy abstract), of the non-English language reference.	y of a translation, of a portion (i.e. English language erence(s) is provided herewith				
		Attached are copies of search report(s) from corresponding patent application(s), submitted in accordance with MPEP 609 D in support of the attached certification under 37 CFR §1.97(e)(1).					
	Fee Authorization. The Commissioner is hereby authorized to charge the above-referenced fees of \$180.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 29329-715.202).						
		R	Respectfully submitted,				
		v	VILSON SONSINI GOODRICH & ROSATI				
		lober 21, 2005	Anie K. Roche, Reg. No. 50,512				
	ge Mill I Ito, CA 9	Road 94304-1050					
	93-9300						

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CERTIFICATION

(Attachment to Information Disclosure Statement)

	THAT each item of information contained i	DERSIGNED ATTORNEY HEREBY CERTIFIES in this information disclosure statement was cited in a counterpart foreign application not more than three sclosure statement; or
	THAT no item of information contained in communication from a foreign patent offic knowledge of the person signing this certification.	this information disclosure statement was cited in a ce in a counterpart foreign application and, to the cation after making reasonable inquiry, no item was 6(c) more than three months prior to the filing of the
	·	Respectfully submitted,
Dated:	10 21 2005 By:	Ame K. Roche Reg. No. 50,512

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Substitute f	or form 1449	/PTO		Application Number	10/813,872	
105 INFORMATION DISCLOSURE				Filing Date	March 30, 2004	
P	MENT BY			First Named Inventor	Dominique Charmot	
(Use a.				Art Unit	1618	
nak.				Examiner Name	Michael G. Hartley	
Sheet	1	of	3	Attorney Docket Number	29329-715.202	

•	-	U.S. P	ATENT DOC	UMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-2,611,730	09-23-1952	Heming et al.	
	2.	US-2,909,462	10-20-1959	Warfield et al.	
	3.	US-4,143,130	03-06-1979	Imondi	
	4.	US-4,470,975	09-11-1984	Berger	
	5.	US-5,051,253	09-24-1991	Llyod-Jones	
	6.	US-5,141,927	08-25-1992	Krotkiewski	
	7.	US-5,281,631	01-25-1994	Horwitz	•
	8.	US-5,374,422	12-20-1994	Pierre	
	9.	US-5,607,669	03-04-1997	Mandeville	
	10.	US-5,633,344	05-27-1997	Figuly	
	11.	US-5,718,920	02-17-1998	Notenborer	
	12.	US-6,294,163	09-25-2001	Dhal	
	13.	US-2002/0146386 A1	10-10-2002	Simon et al.	
	14.	US-2003/0027789 A1	02-06-2003	Yamaoka et al.	

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	15.	EP 0730494 B1	02-04-1998	Salternate B.V.		
	16.	WO 01/51063 A1 (with English abstract)	07-19-2001	Otsuka Pharmaceutical Factory, Inc.		
	17.	WO 02/062356 A2	08-15-2002	Ash Medical Systems, Inc.		
	18.	WO 02/40039 A2	05-23-2002	The Dow Chemical Company		
	19.	WO 92/10522	06-25-1992	Imperial Chemical Industries PLC		
	20.	WO 94/27619	12-08-1994	Geltex, Inc.		
	21.	WO 95/14531	06-01-1995	Sansel		
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INFORMATION DISCLOSURE				Filing Date	March 30, 2004	
STATEMENT BY APPLICANT				First Named Inventor	Dominique Charmot	
(Use a	ıs many sheet	s as nec	essary)	Art Unit	1618	
		Examiner Name	Michael G. Hartley			
Sheet	2		3	Attorney Docket Number	29329-715.202	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	22.	Berlyne, G.M., et al. "Cation exchange resins in hyperkalaemic renal failure." (1967) Israel J Med Sci 3(1): 45-52	
	23.	Chourasia, M.K., et al., "Pharmaceutical approaches to colon targeted drug delivery systems." (2003) J. Pharm Pharm Sci 6(1): 33-66.	
	24.	Corcoran, A.C., et al., "Controlled observations on the effect of low sodium dietotherapy in essential hypertension." (1951) Circulation 3(1): 1-16.	
	25.	Danowski, T.S., et al., "Changes in fecal and serum constituents during ingestion of cation and anion exchangers." (1953) Ann N Y Acad Sci. 57(3): 273-9	
	26.	Emerson, K., Jr., et al., "The role of the gastro-intestinal tract in the adaptation of the body to the prevention of sodium depletion by cation exchange resins." (1953) Ann N Y Acad Sci. 57(3): 280-90	
	27.	Emmett, M., et al. "Effect of Three Laxatives and a Cation Exchange Resin on Fecal Sodium and Potassium Excretion." (1995) Gastroenterology 108(3): 752-60	
	28.	Evans, B.M., et al. "Ion-exchange resins in the treatment of anuria." (1953) Lancet 265(6790): 791-5	
	29.	Field, H., Jr., et al., "Electrolyte changes in ileal contents and in feces during restriction of dietary sodium with and without the administration of cation-exchange resin." (1955) Circulation 12(4): 625-9	
	30.	Field, H., Jr., et.al., "Mechanisms regulating the retention of sodium in the feces by cation-exchange resin: release of base from the resin by bacterial fermentation in the terminal ileum." (1958) J Lab Clin Med 51(2): 178-84	
	31.	Fourman, P. "Capacity of a cationic exchange resin (zeo-karb 225) in vivo." (1953) British Medical Journal 1(4809): 544-6	
	32.	Greenman, L., et al. "Biochemical changes accompanying the ingestion of a carboxylic cation exchanger in the hydrogen, ammonium, sodium, potassium, or calcium form." (1951) J Clin Invest. 30(9): 995-1008	
	33.	Gruy-Kapral, C., et al., "Effect of single dose resin-cathartic therapy on serum potassium concentration in patients with end-stage renal disease." (1998) J Am Soc Nephrol 9(10): 1924-30	
	34.	Harthon, J.G.L., et al., "A CASE OF UREMIA AND HYPERPOTASSEMIA TREATED WITH SULPHONIC CATION-EXCHANGE RESIN" (1952) Acta Med Scan., 144(3): 230-6	-

Examiner	Date
signature	Considered

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INFORMATION DISCLOSURE				Filing Date	March 30, 2004	
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(Use a				Art Unit	1618	
		Examiner Name	Michael G. Hartley			
Sheet	3	of	3	Attorney Docket Number	29329-715.202	

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	35.	Heming A. E., et al., "Considerations in the selection of cation exchange resins for therapeutic use." (1953) Ann N Y Acad Sci. 57(3):239-51		
	36.	Irwin, L., et al. "The effect of a cation exchange resin on electrolyte balance and its use in edematous states." (1949) J Clin Invest. 28(6, Pt. 2): 1403-11		
	37.	Kohlstaedt, K.G., et al., "Clinical experience with mixtures of anion and cation exchange resins." (1953) Ann N Y Acad Sci. 57(3): 260-72		
	38.	Mason N.S., et al., "A new ion exchanger with high in vivo sodium capacity." (1985) Kidney Int Suppl. 28(17): S178-182		
	<u>3</u> 9.	Mateer, F.M., et al., "SODIUM RESTRICTION AND CATION EXCHANGE RESIN THERAPY IN NEPHROTIC CHILDREN" (1951) J Clin Invest. 30(9): 1018-26		
	40.	McChesney, E.W. "Effects of long-term feeding of sulfonic ion exchange resin on the growth and mineral metabolism of rats." (1954) Am J Physiol. 177(3):395-400		
	41.	McChesney, E.W., et al., "Some aspects of cation exchange resins as therapeutic agents for sodium removal." (1953) Ann N Y Acad Sci. 57(3):252-9		
	42.	Moustafine R.I., et al., "Characteristics of interpolyelectrolyte complexes of Eudragit E 100 with sodium alginate." (2005) Int J Pharm 294(1-2): 113-20		
	43.	Root, M.A., "Comparison of the in vivo sodium-removing activity of various types of ion exchange resins in rats." (1953) J Lab Clin Med 42 (3): 430-7		
	44.	Ross, E.J., et al. "Observations on cation exchange resins in the small and large intestines." (1954) Clin Sci 13(4): 555-66		
	45.	Tust, R. H., et al., "THE EFFECTS OF MALETHAMER ON THE EXCRETION AND PLASMA LEVELS OF SODIUM, POTASSIUM, AND CHLORIDE (34990)" (1970) Proc Soc Exp Biol Med. 135(1): 72-6		
	46.	Wrong, O., et al., "The electrolyte content faeces." (1965) Proc R. Soc Med 58(12): 1007-9		

Examiner	Date	
signature	Considered	

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